## SEQUENCE LISTING

<110> Hu, Yi Nepomnichy, Boris Walke, D. Wade

<120> Novel Human Protease and Polynucleotides Encoding the Same

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<151> 2001-01-08

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Gly Phe Phe Arg Ala Ser <u>Pro</u> Gln P<u>ro A</u>rg Arg <u>Pro</u> Ser Ser Gln Gly 280

285

	290					295					300				
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305		ALG	Gry	ALG	310	GIII	0111	Gry	<b>Q111</b>	315		112	011		320
	mb	Dwo	IIi o	C1		Arg	T 011	C111	Dro		Dro	Gln	Hic	Pro	
GIA	Thr	Pro	HIS		PLO	Arg	ı Leu	Gru	330	ASD	PIO	GIII	1112	335	GIY
	_	_	_	325	_	_		~1		77.	21-	C	<b>a</b>		П
Ala	Trp	Leu		Leu	Leu	Ser	Asn		Pro	His	Ala	Ser		ьeu	Trp
			340					345					350		_
Ser	Leu		Ala	Pro	Ser	Ser		.Ile	Pro	Arg	Cys		GIA	GIu	Ser
		355					360					365	•		
Glu	Gln	Leu	Arg	Ala	Cys	Ser	Gln	Ala	Pro	Cys	Pro	Pro	Glu	Gln	Pro
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Glv	Gln	Leu	Tyr	Gln	Trp	Glu	Pro	Phe	Thr	Glu	Val	Gln	Gly	Ser	Gln
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Ara	Cvs	Glu	Leu		Cvs	Arg	Pro	Ara	Glv	Phe	Ara	Phe	Tyr	Val	Arg
1119	0,2		420		-1-	5		425					430		_
Wic	Thr	Clu		1721	Gln	Asp	Gly		T.011	CVS	Gln	Pro		Ala	Pro
UIP	1111	435	цуз	vai	GIII	лър	440	1111	пси	Cys	0111	445	017	1114	===
3	<b>-1</b> -		17- 1	77-	G1	7		T 011	C0~	Dro	C1.7		7 cn	Clv	T10
Asp		Cys	vaı	Ата	GIĀ	Arg	Cys	Leu	ser	P10	460	Cys	ASP	GIY	TIE
_	450	_	~ 3	_	_	455		<b>0</b> 1	<b>~</b>	01		Q	01	<b>01.</b> .	7.00
	GIY	Ser	GIA	Arg		<u>Pr</u> o	Asp	GIY	Cys		vaı	Cys	GIA	GIA	
465					470					475			_		480
Asp	Ser	Thr	Cys		Leu	Val	Ser	Gly		Leu	Thr	Asp	Arg		GIĀ
				485					490					495	
Pro	Leu	Gly	Tyr	Gln	Lys	Ile	Leu	Trp	Ile	Pro	Ala	Gly	Ala	Leu	Arg
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Gly	Pro	Gly	Gly	Arg	Ser	Ile	Ile	Asn	Gly	Asn	Trp	Ala	Val	Asp	Pro
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Pro	Glv	Ser	Tvr	Arq	Ala	Gly	Gly	Thr	Val	Phe	Arg	Tyr	Asn	Arg	Pro
545	2			, ,	550	-	-			555	-	_			560
-	Ara	G111	Glu	Glv	Lvs	Gly	Glu	Ser	Leu	Ser	Ala	Glu	Glv	Pro	Thr
110	9	014	014	565	272	<b>U</b> -1			570					575	
Thr	Gln	Dro	Val		Val	Tyr	Met	Tle		Gln	G111	Glu	Asn		Glv
1111	GIII	110	580	дор	val	- y -	1100	585	1110	0111		0	590		1
₹7 <b>~</b> 1	Dho	Th 22		T1 12	1721	Ile	Car		Dro	Pro	Pro	Tla		G111	Asn
vai	Pile	595	GIII	IAT	Vai	TIE	600	, Jer	110	110	110	605	ncu	OIG	11011
D	mla aa		<b>~1</b>	Dec	Dwo	1707		Cln	T 011	Cln	Dro		Tlo	Len	Ara
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Δνα	Ser	Cve	Glv		Glv	Thr	Gln	His		Gln	Leu	G] n	Cvs		Gln
9	~~-	~ y 13	~ <u>~</u> <u>y</u>		~ - x				9					- 3	

								- 4-					750		
			740					745					750		
Glu	Phe	Gly	Gly	Gly	Gly	Ser	Ser	Val	Pro	Pro	Glu	Arg	Cys	Gly	Hiś
		755	_	_	_		760					765			
T 011	Dwo		Dwo	Asn	т1 о	mb~		cor	Cvc	Cln	Lau	Ara	T.011	Cve	Glv
Leu		Arg	PIO	ASII	TIE		GIII	Ser	Cys	GIII		AL 9	DCu	Cyb	011
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